

BELZONA REPAIRS A CLASSIFIER AND SAVES THE CUSTOMER THOUSANDS IN REPLACEMENT COSTS

ID: 258

Industry: Water / Wastewater

Customer Location: Water Treatment Plant - New Mexico
U.S.A.

Application: SHM-Solids Handling Machinery

Application Date: July 2001

Substrate: Steel

Products: * Belzona® 1111 (Super Metal) ,
* Belzona® 2111 (D&A Hi-Build Elastomer) ,

Problem

The rubber donut type ring was designed too small allowing the adjacent steel to wear through.



Photograph Descriptions

- * An overview of the equipment ,
- * A close-up of the damage ,
- * The surface is being prepared ,
- * The completed repair ,

Application Situation

Solids classifier in the grit removal system.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-9.

Belzona Facts

Belzona® 1111 (Super Metal) was used to bond several steel patches where the steel had worn through. Then Belzona® 2111 (D&A Hi-Build Elastomer) was used to re-create a durable donut replacement. Alternatives included replacement of equipment at \$14,000 each. Welding would have ruined the existing rubber donuts. The Belzona Solution was only \$600 for each classifier.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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